

PUBLIC SERVICE COMPANY OF NEW MEXICO  
SAN JUAN GENERATING STATION  
WATERFLOW, NEW MEXICO

**The San Juan Generating Station**, a coal-fired electric power generating facility of the Public Service Company of New Mexico, has significantly cut sulfur dioxide emissions and chemical releases to the environment since switching to a limestone-based scrubber. By installing the new scrubber, the station also prevented the release of 1.5 million pounds of Toxic Release Inventory (TRI) chemicals. In the coming years, the facility commits to refine the process to find more emissions reductions. In addition, the ISO 14001-certified station is supporting a Bureau of Reclamation project to protect endangered fish species by constructing a fish ladder in the San Juan River.

#### ENVIRONMENTAL PERFORMANCE

##### *Past Accomplishments*

The San Juan Generating Station has demonstrated its commitment to environmental performance by preventing greenhouse gas emissions and toxic chemicals from entering the environment. Since 1997, the plant has:

- **Reduced sulfur dioxide emissions** by more than 30%, or 13,400 tons, through switching to a limestone-based flue gas desulfurization system.
- **Reduced toxic releases** to the environment by almost 40%, or 700 tons, through increasing the scrubbing of flue gas, in addition to conducting coal sampling to better estimate emissions.

##### *Future Commitments*

The San Juan Generating Station will expand on its emissions and toxics release reductions, in addition to tackling solid waste and restoring wildlife habitat. By 2003, the company will:

- **Further reduce sulfur dioxide emissions** by 4% through increasing the scrubbing of flue gas through optimization of the new limestone system.
- **Further reduce toxic releases** to the environment by more than 10% through increased flue gas treatment and through burning of low-ash content coal.
- **Reduce solid waste** by 50,000 tons by selling ash for use as a road base and a replacement for cement.
- **Preserve and restore wildlife habitat** by donating funds and land to construct a migratory fish passage in the San Juan River for the endangered Colorado Pike Minnow.

#### AT A GLANCE

Industry Sector:	Utilities
Business:	Generates coal-fired steam electricity
Facility Employees:	100-499
Accomplishments:	Reduced air emissions Reduced toxic chemicals releases
2003 Commitments:	Reduce air emissions Reduce toxic chemical releases Reduce solid waste Restore fish habitat
Address:	County Road 6800 PO Box 227 Waterflow, NM 87421
Web Site:	<a href="http://www.pnm.com">www.pnm.com</a>

## COMMUNITY OUTREACH

The San Juan Generating Station informs the public of its environmental activities through community and individual meetings, facility tours, and providing information to local papers. The station's parent company, Public Service Company of New Mexico, also reports environmental activities through its Web site.